

TA-D505

SERVICE MANUAL

AEP Model
UK Model
E Model
Australian Model



SPECIFICATIONS

Continuous RMS power output

60 W + 60 W
(6 ohms, at 1 kHz, 5% THD)
50 W + 50 W
(6 ohms, DIN, 1 kHz)

Music power output

90 W + 90 W
(6 ohms, at 1 kHz, 10% THD)

Frequency response

15 Hz to 50 kHz ± 0.5 dB

Power requirements

220-230 V AC, 50/60 Hz

Power consumption

150 W

AC outlet

1 unswitched, 100 W max.

Weight

Approx. 8 kg (17 lbs 11 oz)

Dimensions

Approx. 355 × 132.5 × 320 mm
(w/h/d, including projections)
(14 × 5 1/4 × 12 5/8 inches)

Input	Jack type	Sensitivity	Impedance
PHONO (MM)	Phono	3.3 mV	47 kohms
VIDEO1	Phono	245 mV	47 kohms
VIDEO2	Phono	245 mV	47 kohms
CD	Phono	245 mV	47 kohms
MIC	Phone	1,6 mV	10 kohms

Output	Jack type	Voltage	Impedance
VIDEO1	Phono	200 mV	2 kohms
SURROUND SPEAKER	Phono	Accepts speakers of 16 ohms	
HEADPHONES	Stereophone	Accepts headphones of 8 ohms or more	

Design and specifications subject to change without notice.

Note

This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression.

STEREO AMPLIFIER
SONY®

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

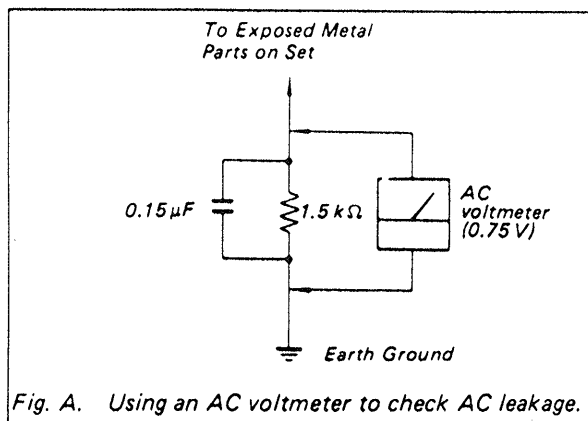
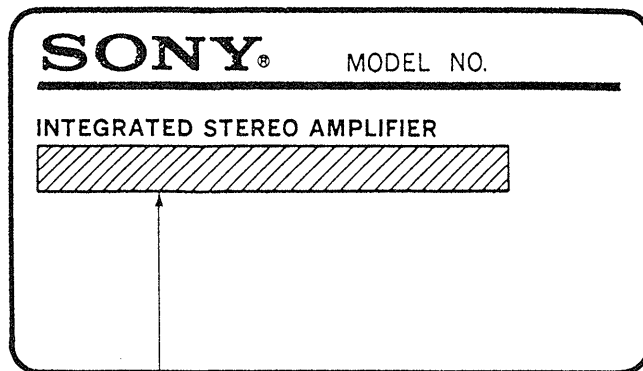


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MODEL IDENTIFICATION

—Specification Label—



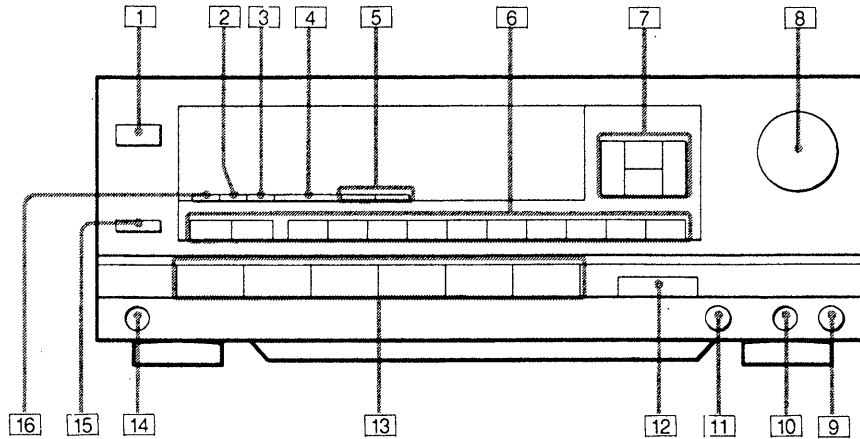
AEP, GERMANY, ITALIAN model: AC: 220V~ 50/60Hz
 UK model: AC: 240V~ 50/60Hz
 E, SAUDI ARABIA,
 AUSTRALIAN model: AC: 120/220/240V~ 50/60Hz

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK Δ OR DOTTED LINE WITH MARK Δ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1 GENERAL

This section is extracted
from instruction manual.



Amplifier

- 1 POWER switch 10
- 2 FLAT button 44
- 3 REVERSE button 42
- 4 DBFB button 12
- 5 SURROUND (MODE/LEVEL) buttons 38
- 6 Buttons for storing and recalling equalization effects 41
- 7 CURSOR CONTROL 44
- 8 VOLUME control 12
- 9 MIC (microphone) LEVEL control 36
- 10 MIC (microphone) jack 36
- 11 BALANCE control 12
- 12 EFFECT button 38
- 13 Function selectors
- 14 HEADPHONES jack
- 15 PROGRAM FUNCTION button (only for the system used with CDP-M42) 49
- 16 DISPLAY button 40

SECTION 2 DIAGRAMS

2-1. IC PIN FUNCTION

IC708 SYSTEM CONTROLLER (μ PD75212ACW-281)

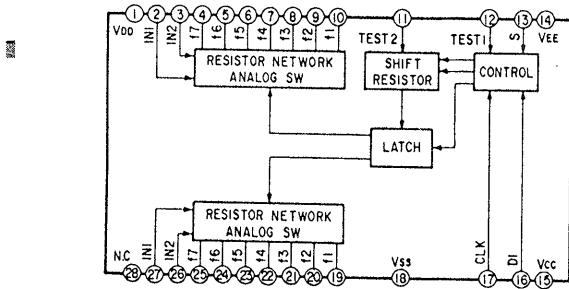
The IC708 system controller controls audio/video signal selection, switching of DBFB, graphic equalizer and surround, volume adjustment, FL tube display, key input, and input/output of audio bus.

Pin No.	Pin Name	I/O	Function
1	S3	0	FL tube segment & key scan output
2	S2	0	FL tube segment & key scan output
3	S1	0	FL tube segment & key scan output
4	S0	0	FL tube segment & key scan output
5	AC OUT	1	Power OFF & recovery detection input
6	SCK	1	Function mode switching. "L":CDP-M42, "H":CDP-C312M
7	MUTE	1	Mute control input, connected to the POWER SW on CD "H" or "OPEN" = MUTE
8	CONNECT	1	System connection check input. "CONNECT" blinks on FL tube if "H" or "OPEN".
9	AU BUS IN	1	Audio bus input
10	RY IN	1	Relay (RY601) control input
11	VOL 1T1	1	Volume (RV702) position detection input
12	SIGNAL	1	Signal level detection input
13	VIDEO	0	Video selection output. "L":VIDEO 1, "H":VIDEO 2
14	KARAOKE	0	KARAOKE mode control output. "L":KARAOKE mode
15	VOL-UP	0	Volume (RV702) up output
16	VOL-DWN	0	Volume (RV702) down output
17	CLOCK 0	0	Outputs serial data transfer clock to the IC701, 705 (FL tube display), and IC401 (graphic equalizer electronic volume).
18	CLOCK 1	0	Outputs serial data transfer clock to the IC351, 701 (selector, surround control).
19	DATA	0	Outputs serial data output
20	MUTE 2	0	Muting output
21	KI 0	1	Key scan input
22	KI 1	1	Key scan input
23	KI 2	1	Key scan input
24	KI 3	1	Key scan input
25	PGMF-L	0	PGMF mode LED output
26	DBFB-L1	0	DBFB control 1 output
27	DBFB-L2	0	DBFB control 2 output
28	AU BUS OUT	0	Audio bus output
29	PPO	0	PWM output
30	X1	1	Clock (4.19MHz) input
31	X2	1	Clock input
32	Vss	—	GND
33	XT1	1	Not used (always GND)
34	XT2	—	Not used
35	VOLL	0	Volume LED output
36	EFFECT L	0	Effect LED output
37	V1 VL	0	Video 1 video LED output
38	V2 VL	0	Video 2 video LED output
39	RESET	1	Reset input
40	T0	0	FL tube digit output
41	T1	0	FL tube digit output
42	T2	0	FL tube digit output
43	T3	0	FL tube digit output
44	T4	0	FL tube digit output
45	T5	0	FL tube digit output
46	T6	0	FL tube digit output
47	T7	0	FL tube digit output
48	T8	0	FL tube digit output
49	T9	0	FL tube digit output
50	T10	0	FL tube digit output
51	T11	0	FL tube digit output
52	S13	0	FL tube segment & key scan output
53	S12	0	FL tube segment & key scan output
54	S11	0	FL tube segment & key scan output
55	S10	0	FL tube segment & key scan output
56	V _{LOAD}	1	Power for built-in FL tube controller (−28V)
57	V _{REF}	1	Power for built-in FL tube predriver (−4V)
58	S9	0	FL tube segment & key scan output
59	S8	0	FL tube segment & key scan output
60	S7	0	FL tube segment & key scan output
61	S6	0	FL tube segment & key scan output
62	S5	0	FL tube segment & key scan output
63	S4	0	FL tube segment & key scan output
64	V _{DD}	—	Power supply (+5V)

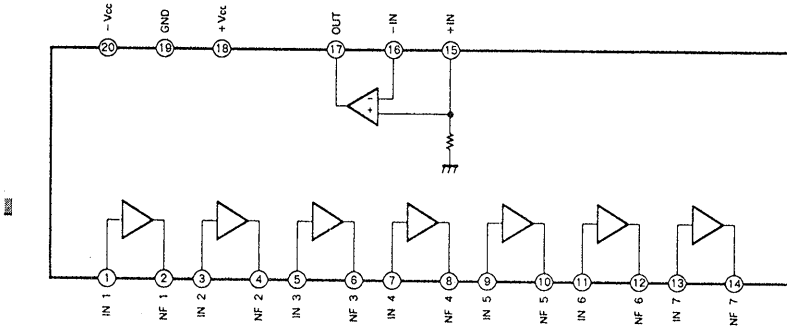
	OFF	1	2	3
DBFB 1	H	L	H	L
DBFB 2	H	H	L	L

● IC Block Diagrams

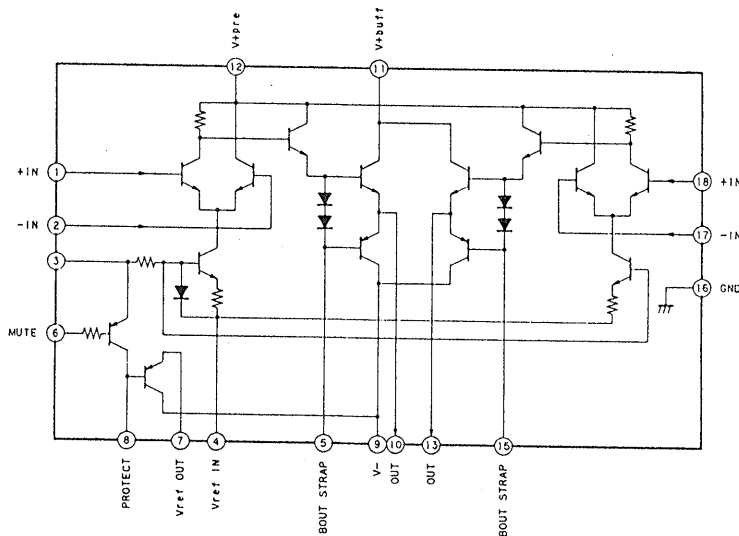
IC401 LC7522K



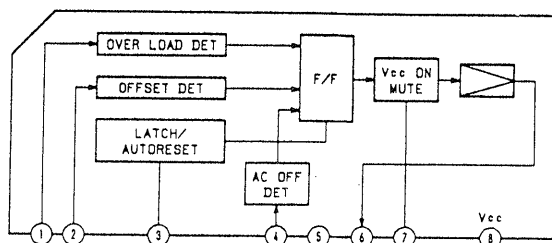
IC402,452 M5289P



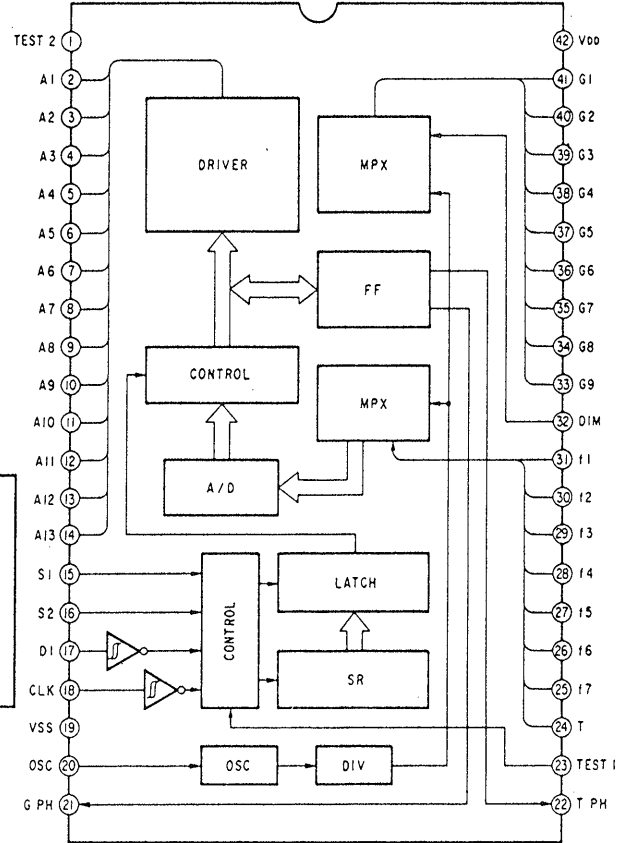
IC601 STK4152MK2



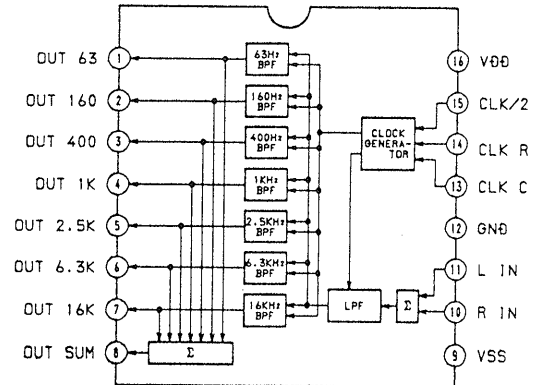
IC602 μ PC1237HA



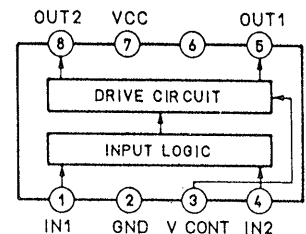
IC701 LC7565K



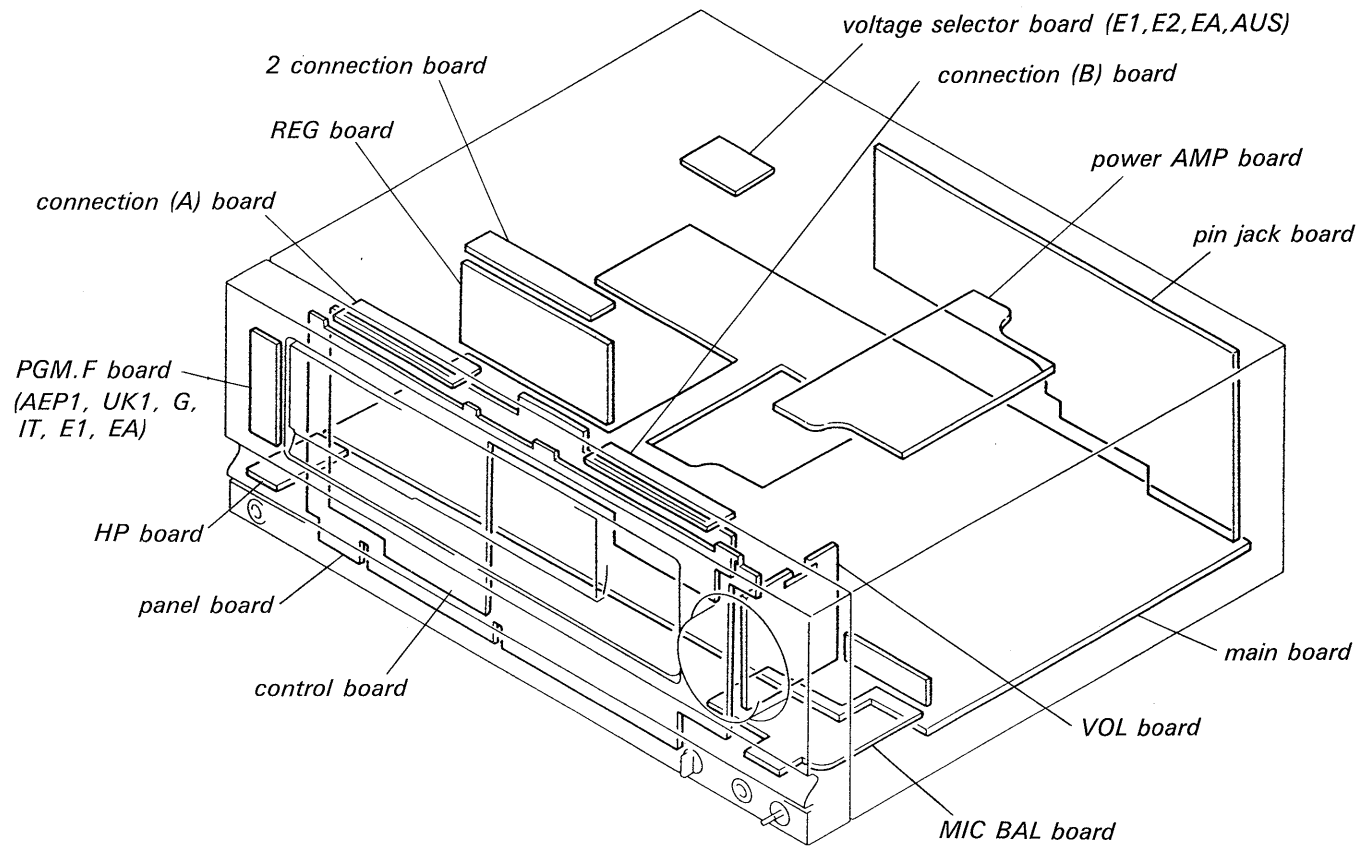
IC702,707 XR1091DCP



IC704 LB1639

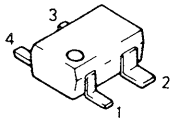


2-2. CIRCUIT BOARDS LOCATION

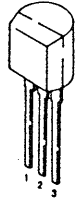


● Semiconductor Lead Layouts

MM1031XS

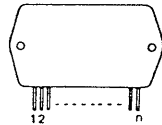


M51943BSL



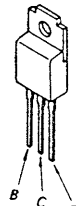
1. Vout
2. Vss
3. Vin

STK4152MK2



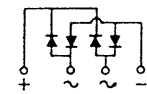
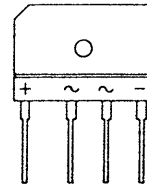
DTA124ES
DTC114ES
2SC2603-EF

2SB1094L

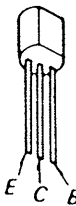


B C E

RBV-602-01

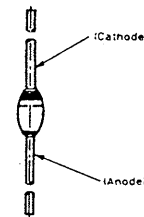


2SC1841-PAFAEA
2SC3622A-LK



E C B

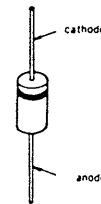
UZ-3.9BSB



Cathode

Anode

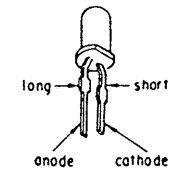
UZ-4.7BSA
UZP-7.5B
UZL-15L
UZL-36L
UZL-6L3
UZL-6M2
UZL-7L3
1S1585
10E2N



cathode

anode

SEL22110S-C



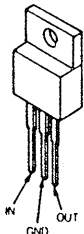
long

short

anode

cathode

M5F7807L

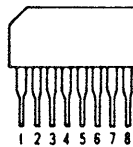


IN

GND

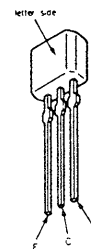
OUT

M5218AL
μPC1237HA



1 2 3 4 5 6 7 8

2SA1175-FEK
2SA1175HFE
2SC2785-FEK



letter size

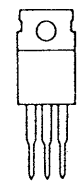
E C B

2SK246-GR2



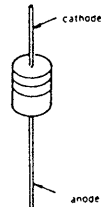
S G D

M5F7907L



1 3 2
COMMON (GND) IN OUT

1SS120
11ES2



cathode

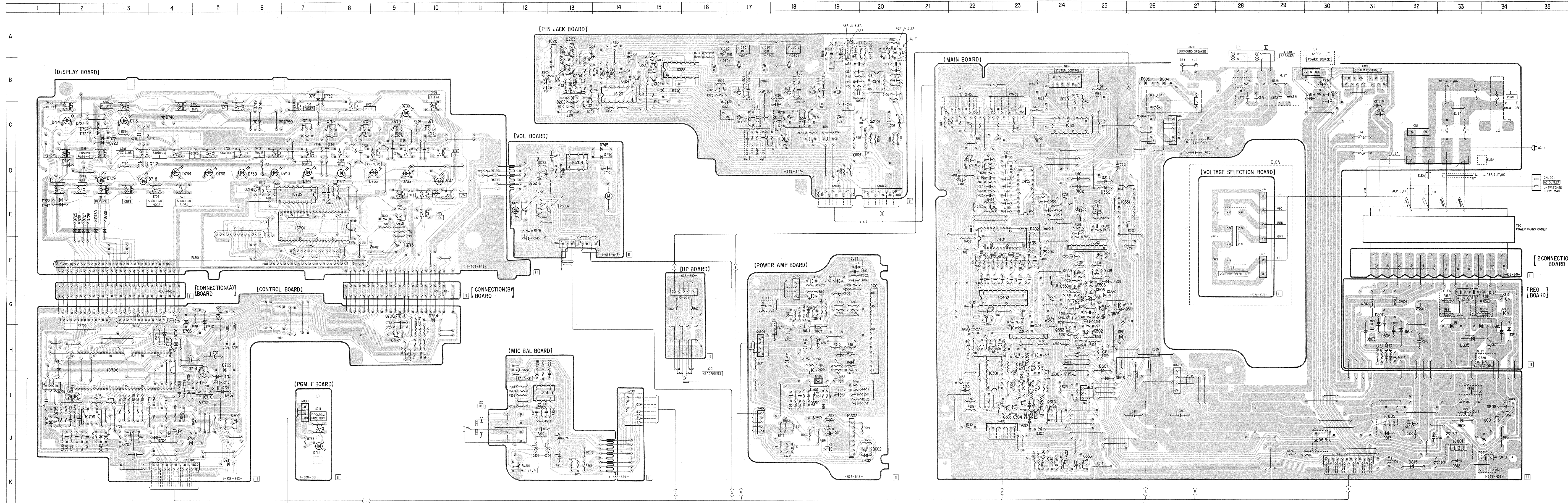
anode

2-3. PRINTED WIRING BOARDS

● SEMICONDUCTOR LOCATION

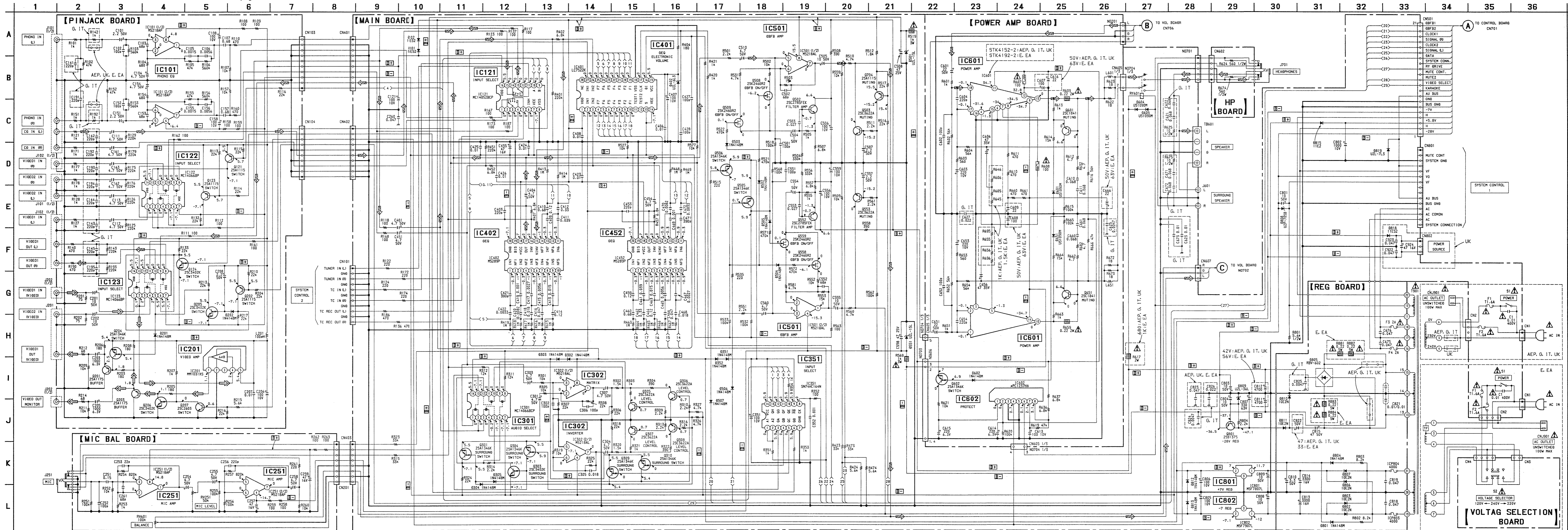
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D101	D-24	D752	D-12	Q559	F-24
D102	E-24	D753	H-1	Q601	G-19
D201	B-13	D754	G-10	Q602	J-20
D202	C-13	D757	I-5	Q651	I-18
D302	J-23	D801	H-31	Q701	E-9
D303	J-23	D802	H-32	Q702	J-5
D304	J-23	D803	H-31	Q703	J-3
D305	D-23	D804	H-31	Q704	J-24
D351	D-25	D805	H-33	Q705	J-1
D352	E-25	D806	H-31	Q706	G-9
D402	F-23	D807	G-31	Q707	H-9
D501	G-25	D808	J-33	Q708	C-8
D502	G-25	D809	I-34	Q709	C-8
D503	G-25	D810	H-34	Q710	C-9
D504	G-24	D811	H-34	Q711	C-10
D505	G-25	D812	K-33	Q712	D-3
D506	I-25	D813	J-31	Q713	C-7
D507	H-25	D815	K-32	Q714	H-5
D551	H-25	D818	J-30	Q715	F-9
D601	G-18	D819	B-30	Q716	D-6
D602	J-20			Q801	J-34
D604	B-26	C101	B-20		
D651	B-26	C121	C-24		
D701	I-18	C122	B-15		
D702	I-4	C201	B-15		
D703	H-4	C251	A-13		
D704	J-4	C301	I-22		
D705	I-5	C302	H-23		
D706	H-4	C351	E-25		
D707	J-1	C401	F-23		
D708	I-4	C402	G-23		
D709	C-9	C452	D-23		
D710	G-5	C501	F-23		
D711	K-5	C601	G-20		
D713	J-7	C602	J-19		
D714	C-2	C701	E-7		
D715	C-3	C702	E-7		
D716	H-4	C704	D-13		
D717	D-8	C706	J-2		
D718	D-3	C708	H-3		
D719	I-5	C710	I-5		
D720	C-2	C801	J-33		
D721	C-2	C802	J-31		
D722	C-2				
D723	C-2	Q121	B-15		
D724	C-2	Q123	B-15		
D725	E-2	Q124	B-14		
D726	E-2	Q201	B-13		
D727	E-2	Q202	C-13		
D728	E-2	Q203	A-13		
D729	E-2	Q204	B-13		
D730	E-2	Q205	B-13		
D731	E-2	Q206	A-13		
D732	B-7	Q207	B-13		
D733	D-9	Q301	J-23		
D734	D-4	Q303	J-23		
D735	D-9	Q304	J-23		
D736	D-5	Q305	I-23		
D737	D-1	Q306	I-23		
D738	D-6	Q307	H-23		
D739	D-3	Q308	I-24		
D740	D-6	Q309	I-24		
D741	D-7	Q310	I-24		
D743	J-2	Q502	H-25		
D744	D-14	Q503	J-24		
D745	D-14	Q505	G-25		
D746	C-6	Q506	G-25		
D747	C-8	Q508	G-25		
D748	C-6	Q509	F-25		
D749	C-6	Q552	H-24		
D750	C-7	Q553	K-25		
D751	B-7	Q558	G-24		

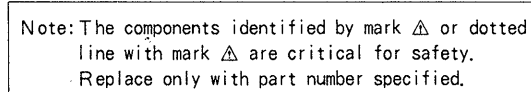
Note:
○ : parts extracted from the component side.



2-4. SCHEMATIC DIAGRAM —Audio Section—

● See page 17 for note





— 18 —



SECTION 3 EXPLODED VIEWS

NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Color Indication of Appearance Parts

G : Germany
IT : Italian
EA : Saudi Arabia
AUS : Australian

Example:

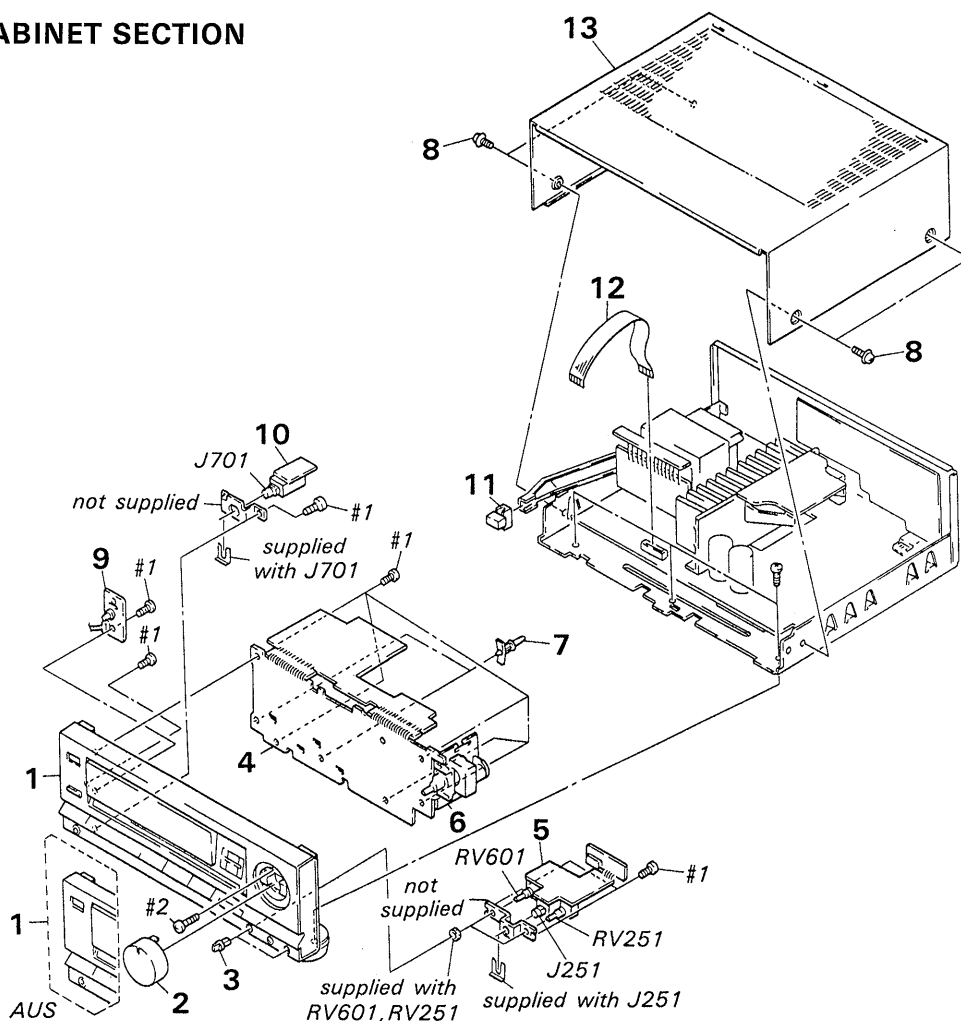
KNOB, BALANCE(WHITE)...(WHT)

↑ ↑
Part's Color Cabinet's Color

- Hardware (#mark) list is given in the last of this parts list.

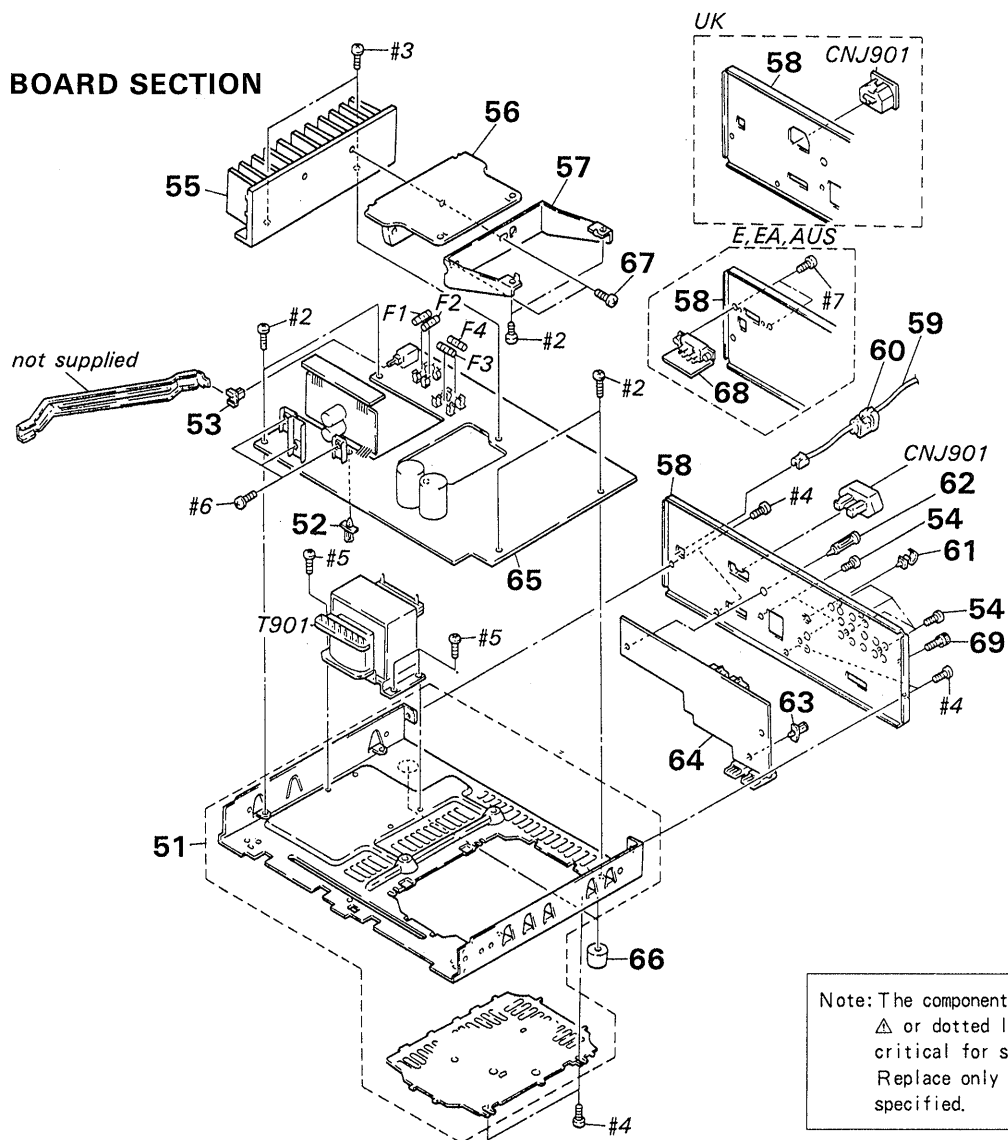
Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

3-1. CABINET SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-4941-451-1	PANEL ASSY. FRONT (IT)		9	* 1-638-651-11	PGM. F BOARD (EXCEPT AUS)	
1	X-4941-449-1	PANEL ASSY. FRONT (AUS)		10	* 1-638-650-11	HP BOARD	
1	X-4941-452-1	PANEL ASSY. FRONT (AEP, G, UK, E, EA)		11	4-942-061-01	BUTTON (P)	
2	X-4941-136-1	KNOB ASSY. ROUND		12	1-590-243-11	WIRE, FLAT TYPE (21 CORE)	
3	4-922-531-11	KNOB (A TYPE), VOL		13	* 4-939-803-91	CASE (AEP, G, IT, UK, E, EA, AUS)	
4	* A-4341-692-A	PANEL BOARD, COMPLETE (AEP, G, IT, UK, E, EA)		J251	1-507-854-00	JACK, LARGE TYPE (MIC)	
4	* A-4341-704-A	PANEL BOARD, COMPLETE (AUS)		J701	1-507-854-00	JACK, LARGE TYPE (HEADPHONES)	
5	* 1-638-649-11	MIC BAL BOARD		RV251	1-241-317-11	RES, VAR, CARBON 50K (MIC LEVEL)	
6	* 1-638-648-11	VOL BOARD		RV601	1-241-318-11	RES, VAR, CARBON 100K (BALANCE)	
7	* 4-924-098-01	HOLDER, PC BOARD					
8	3-363-099-01	SCREW (CASE +3X8 TP2)					

3-2. MAIN BOARD SECTION



Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	* X-4917-246-1	CHASSIS ASSY		61	* 3-646-086-11	HOLDER, ROD	
52	4-944-316-11	HOLDER, PC BOARD		62	* 4-912-181-21	SUPPORT, PC	
53	4-866-342-00	JOINT (B), KNOB		63	* 3-349-025-31	HOLDER, PC BOARD	
54	4-909-982-31	SCREW, TAPPING		64	* A-4341-693-A	PIN JACK BOARD, COMPLETE	
55	* 4-943-905-01	HEAT SINK				(AEP, UK, E, EA, AUS)	
56	* A-4341-699-A	POWER AMP BOARD, COMPLETE (AEP, UK)		64	* A-4341-700-A	PIN JACK BOARD, COMPLETE (G, IT)	
56	* A-4341-706-A	POWER AMP BOARD, COMPLETE (E, EA, AUS)		65	* A-4341-698-A	MAIN BOARD, COMPLETE (AEP)	
56	* A-4341-702-A	POWER AMP BOARD, COMPLETE (G, IT)		65	* A-4341-701-A	MAIN BOARD, COMPLETE (G, IT)	
57	* 4-943-903-01	BRACKET		65	* A-4341-703-A	MAIN BOARD, COMPLETE (UK)	
58	* 4-943-906-21	PANEL (B3120), BACK (G)		65	* A-4341-705-A	MAIN BOARD, COMPLETE (AUS)	
58	* 4-943-906-31	PANEL (B3120), BACK (UK)		65	* A-4341-796-A	MAIN BOARD, COMPLETE (E, EA)	
58	* 4-943-906-51	PANEL (B3120), BACK (E)		66	4-931-169-01	FOOT	
58	* 4-943-906-61	PANEL (B3120), BACK (EA)		67	4-928-635-11	SCREW, +BV (2.6X16) TAPPING	
58	* 4-943-906-71	PANEL (B3120), BACK (IT)		68	* 1-639-252-11	VOLTAGE SELECTOR BOARD (E, EA, AUS)	
58	* 4-943-906-81	PANEL (B3120), BACK (AUS)		69	3-706-165-00	SCREW	
58	* 4-943-906-11	PANEL (B3120), BACK (AEP)		CNJ901	Δ 1-526-882-00	OUTLET, AC (E)	
59	Δ 1-575-654-11	CORD, POWER (AEP, G, IT, EA)		CNJ901	Δ 1-526-751-11	OUTLET, AC (UK)	
59	Δ 1-575-656-11	CORD, POWER (E, AUS)		CNJ901	Δ 1-526-794-11	OUTLET, AC (AEP, G, IT, EA, AUS)	
59	Δ 1-575-669-21	CORD, POWER (UK)		F1	Δ 1-532-259-00	FUSE T1.6A	
60	* 3-703-571-11	BUSHING (S) (4516), CORD (E, EA, AUS)		F2	Δ 1-532-259-00	FUSE T1.6A	
60	* 3-703-244-00	BUSHING (2104), CORD (AEP, G, IT, UK)		F3	Δ 1-532-388-51	FUSE T2A	
				F4	Δ 1-532-388-51	FUSE T2A	
				T901	Δ 1-450-422-11	TRANSFORMER, POWER (E, EA, AUS)	
				T901	Δ 1-450-423-11	TRANSFORMER, POWER (AEP, G, IT, UK)	

SECTION 4 ELECTRICAL PARTS LIST

MAIN

POWER AMP

VOLTAGE SELECTOR

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- RESISTORS
All resistors are in ohms

- METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable
- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA...: μ PA...,
uPB...: μ PB..., uPC...: μ PC...,
uPD...: μ PD...
 - CAPACITORS
uF: μ F
 - COILS
uH: μ H

G: Germany
IT: Italian
EA: Saudi Arabia
AUS: Australian

Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board name.

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
	* A-4341-698-A	MAIN BOARD, COMPLETE (AEP)		C406	1-161-379-00	CERAMIC 0.01uF 20% 25V	
	* A-4341-701-A	MAIN BOARD, COMPLETE (G, IT)		C407	1-124-994-11	ELECT 100uF 20% 10V	
	* A-4341-703-A	MAIN BOARD, COMPLETE (UK)		C408	1-161-379-00	CERAMIC 0.01uF 20% 25V	
	* A-4341-796-A	MAIN BOARD, COMPLETE (E, EA)		C409	1-136-166-00	FILM 0.12uF 5% 50V	
	*****			C410	1-136-175-00	FILM 0.68uF 5% 50V	
	* A-4341-699-A	POWER AMP BOARD, COMPLETE (AEP, UK)		C411	1-136-160-00	FILM 0.039uF 5% 50V	
	* A-4341-702-A	POWER AMP BOARD, COMPLETE (G, IT)		C412	1-136-171-00	FILM 0.33uF 5% 50V	
	* A-4341-706-A	POWER AMP BOARD, COMPLETE (E, EA, AUS)		C413	1-136-155-00	FILM 0.015uF 5% 50V	
	*****			C414	1-136-166-00	FILM 0.12uF 5% 50V	
	* 1-639-252-11	VOLTAGE SELECTOR BOARD (E, EA, AUS)		C415	1-130-480-00	MYLAR 0.0056uF 5% 50V	
	*****			C416	1-136-161-00	FILM 0.047uF 5% 50V	
	* 1-533-213-31	HOLDER, FUSE		C417	1-106-353-00	MYLAR 0.0027uF 5% 50V	
	* 1-533-213-31	HOLDER, FUSE		C418	1-136-156-00	FILM 0.018uF 5% 50V	
	* 3-309-144-21	HEAT SINK		C419	1-106-343-00	MYLAR 1000PF 5% 200V	
	* 4-942-204-01	PLATE, GROUND		C420	1-130-482-00	MYLAR 0.0082uF 5% 50V	
	7-682-548-04	SCREW +BVTT 3X8 (S)		C421	1-164-080-11	CERAMIC 390PF 10% 50V	
	< CAPACITOR >			C422	1-130-477-00	MYLAR 0.0033uF 5% 50V	
C1	Δ 1-161-744-00	CERAMIC 0.01uF 400V		C423	1-161-379-00	CERAMIC 0.01uF 20% 25V	
C121	1-124-994-11	ELECT 100uF 20% 10V		C424	1-161-379-00	CERAMIC 0.01uF 20% 25V	
C260	1-136-161-00	FILM 0.047uF 5% 50V		C425	1-161-379-00	CERAMIC 0.01uF 20% 25V	
C301	1-126-163-11	ELECT 0.68uF 20% 50V		C426	1-161-379-00	CERAMIC 0.01uF 20% 25V	
C302	1-164-073-11	CERAMIC 100PF 10% 50V		C427	1-162-282-31	CERAMIC 100PF 10% 50V	
C303	1-126-163-11	ELECT 0.68uF 20% 50V		C428	1-162-282-31	CERAMIC 100PF 10% 50V	
C304	1-126-163-11	ELECT 0.68uF 20% 50V		C451	1-126-163-11	ELECT 0.68uF 20% 50V	
C305	1-136-156-00	FILM 0.018uF 5% 50V		C453	1-164-077-11	CERAMIC 220PF 10% 50V	
C306	1-164-073-11	CERAMIC 100PF 10% 50V		C454	1-126-163-11	ELECT 0.68uF 20% 50V	
C307	1-126-163-11	ELECT 0.68uF 20% 50V		C455	1-126-022-11	ELECT 47uF 20% 16V	
C351	1-124-994-11	ELECT 100uF 20% 10V		C459	1-136-166-00	FILM 0.12uF 5% 50V	
C352	1-162-294-31	CERAMIC 0.001uF 10% 50V		C460	1-136-175-00	FILM 0.68uF 5% 50V	
C401	1-126-163-11	ELECT 0.68uF 20% 50V		C461	1-136-160-00	FILM 0.039uF 5% 50V	
C403	1-164-077-11	CERAMIC 220PF 10% 50V					
C404	1-126-163-11	ELECT 0.68uF 20% 50V					

MAIN

POWER AMP

VOLTAGE SELECTOR

Ref. No.	Part No.	Description	Remark		
C462	1-136-171-00	FILM	0.33uF	5%	50V
C463	1-136-155-00	FILM	0.015uF	5%	50V
C464	1-136-166-00	FILM	0.12uF	5%	50V
C465	1-130-480-00	MYLAR	0.0056uF	5%	50V
C466	1-136-161-00	FILM	0.047uF	5%	50V
C467	1-106-353-00	MYLAR	0.0027uF	5%	50V
C468	1-136-156-00	FILM	0.018uF	5%	50V
C469	1-106-343-00	MYLAR	1000PF	5%	200V
C470	1-130-482-00	MYLAR	0.0082uF	5%	50V
C471	1-164-080-11	CERAMIC	390PF	10%	50V
C472	1-130-477-00	MYLAR	0.0033uF	5%	50V
C501	1-164-073-11	CERAMIC	100PF	10%	50V
C502	1-164-066-11	CERAMIC	68PF	5%	50V
C503	1-136-158-00	FILM	0.027uF	5%	50V
C504	1-126-301-11	ELECT	1uF	20%	50V
C505	1-126-059-11	ELECT	10uF	20%	50V
C506	1-124-994-11	ELECT	100uF	20%	10V
C507	1-126-161-11	ELECT	2.2uF	20%	50V
C508	1-124-910-11	ELECT	47uF	20%	50V
C510	1-126-163-11	ELECT	0.68uF	20%	50V
C551	1-164-073-11	CERAMIC	100PF	10%	50V
C552	1-164-066-11	CERAMIC	68PF	5%	50V
C553	1-136-158-00	FILM	0.027uF	5%	50V
C554	1-126-301-11	ELECT	1uF	20%	50V
C555	1-126-059-11	ELECT	10uF	20%	50V
C556	1-124-994-11	ELECT	100uF	20%	10V
C557	1-126-161-11	ELECT	2.2uF	20%	50V
C558	1-124-910-11	ELECT	47uF	20%	50V
C559	1-124-994-11	ELECT	100uF	20%	10V
C560	1-126-163-11	ELECT	0.68uF	20%	50V
C601	1-126-233-11	ELECT	22uF	20%	50V
C602	1-110-335-11	MYLAR	100PF	5%	50V
C603	1-126-101-11	ELECT	100uF	20%	16V
C604	1-110-339-11	MYLAR	220PF	5%	50V
C606	1-124-910-11	ELECT	47uF	20%	50V
C607	1-124-122-11	ELECT	100uF	20%	50V (AEP, G, IT, UK)
C607	1-124-572-11	ELECT	100uF	20%	63V (E, EA)
C608	1-124-122-11	ELECT	100uF	20%	50V (AEP, G, IT, UK)
C608	1-124-572-11	ELECT	100uF	20%	63V (E, EA)
C609	1-124-916-11	ELECT	22uF	20%	63V (E, EA)
C609	1-126-233-11	ELECT	22uF	20%	50V (AEP, G, IT, UK)
C610	1-136-163-00	FILM	0.068uF	5%	50V
C611	1-136-163-00	FILM	0.068uF	5%	50V
C613	1-124-994-11	ELECT	100uF	20%	10V
C614	1-124-587-11	ELECT	220uF	20%	6.3V
C615	1-124-587-11	ELECT	220uF	20%	6.3V

Ref. No.	Part No.	Description	Remark		
C616	1-124-916-11	ELECT	22uF	20%	63V (E, EA)
C616	1-126-233-11	ELECT	22uF	20%	50V (AEP, G, IT, UK)
C621	1-136-163-00	FILM	0.068uF	5%	50V (G, IT)
C622	1-136-163-00	FILM	0.068uF	5%	50V (G, IT)
C623	1-161-379-00	CERAMIC	0.01uF	30%	25V (G, IT)
C624	1-106-359-00	MYLAR	0.0047uF	5%	50V (G, IT)
C627	1-136-157-00	FILM	0.022uF	5%	50V (G, IT)
C651	1-126-233-11	ELECT	22uF	20%	50V
C652	1-110-335-11	MYLAR	100PF	5%	50V
C653	1-126-101-11	ELECT	100uF	20%	16V
C654	1-110-339-11	MYLAR	220PF	5%	50V
C656	1-124-910-11	ELECT	47uF	20%	50V
C660	1-136-163-00	FILM	0.068uF	5%	50V
C661	1-136-163-00	FILM	0.068uF	5%	50V
C666	1-124-916-11	ELECT	22uF	20%	63V (E, EA)
C666	1-126-233-11	ELECT	22uF	20%	50V (AEP, G, IT, UK)
C675	1-161-021-11	CERAMIC	0.047uF	10%	25V
C676	1-161-021-11	CERAMIC	0.047uF	10%	25V
C671	1-136-163-00	FILM	0.068uF	5%	50V (G, IT)
C672	1-136-163-00	FILM	0.068uF	5%	50V (G, IT)
C673	1-161-379-00	CERAMIC	0.01uF	30%	25V (G, IT)
C801	1-126-059-11	ELECT	10uF	20%	50V
C802	1-124-473-11	ELECT	1000uF	20%	10V
C803	1-126-059-11	ELECT	10uF	20%	50V
C804	1-126-059-11	ELECT	10uF	20%	50V
C805	1-124-994-11	ELECT	100uF	20%	10V
C806	1-124-994-11	ELECT	100uF	20%	10V
C808	1-126-059-11	ELECT	10uF	20%	50V
C809	1-126-059-11	ELECT	10uF	20%	50V
C810	1-126-162-11	ELECT	3.3uF	20%	50V
C811	1-126-224-11	ELECT	4700uF	20%	42V (AEP, G, IT, UK)
C811	1-126-258-11	ELECT	4700uF	20%	56V (E, EA)
C812	1-126-224-11	ELECT	4700uF	20%	42V (AEP, G, IT, UK)
C812	1-126-258-11	ELECT	4700uF	20%	56V (E, EA)
C813	1-124-887-00	ELECT	3300uF	20%	16V
C814	1-124-887-00	ELECT	3300uF	20%	16V
C815	1-124-910-11	ELECT	47uF	20%	50V
C818	1-161-021-11	CERAMIC	0.047uF	10%	25V
C819	1-161-021-11	CERAMIC	0.047uF	10%	25V
C821	1-102-394-11	CERAMIC	0.01uF		250V
C822	1-124-910-11	ELECT	47uF	20%	50V (AEP, G, IT, UK)
C822	1-126-867-11	ELECT	33uF	20%	50V (E, EA)

MAIN

POWER AMP

VOLTAGE SELECTOR

Ref. No.	Part No.	Description	Remark
C823	1-161-021-11	CERAMIC 0.047uF 10% 25V (AEP, E, EA, UK)	
C824	1-106-359-00	MYLAR 0.0047uF 5% 50V (G, IT)	
C825	1-106-359-00	MYLAR 0.0047uF 5% 50V (G, IT)	
C826	1-161-494-00	CERAMIC 0.022uF 30% 25V (G, IT)	
C922	1-161-021-11	CERAMIC 0.047uF 10% 25V (UK)	
C923	1-161-021-11	CERAMIC 0.047uF 10% 25V (UK)	
C924	1-126-022-11	ELECT 47uF 20% 16V (UK)	

< CONNECTOR >

CN1	* 1-564-321-00	PIN, CONNECTOR 2P	
CN2	* 1-535-141-00	BASE POST 22MM (10MM PITCH) 4P	
CN101	* 1-566-858-41	SOCKET, CONNECTOR 11P	
CN401	1-568-321-11	SOCKET, CONNECTOR 10P	
CN402	1-568-321-11	SOCKET, CONNECTOR 10P	

CN403	* 1-565-344-11	PIN, CONNECTOR (PC BOARD) 8P	
CN501	1-568-838-11	SOCKET, CONNECTOR 21P	
CN605	* 1-564-520-11	PLUG, CONNECTOR 5P	
CN606	* 1-564-519-11	PLUG, CONNECTOR 4P	
CN607	* 1-564-506-11	PLUG, CONNECTOR 3P	

CN801	* 1-566-859-11	SOCKET, CONNECTOR 15P	
CN802	* 1-564-358-00	PIN, CONNECTOR 3P	

< DIODE >

D101	8-719-200-82	DIODE 11ES2	
D102	8-719-200-82	DIODE 11ES2	
D302	8-719-912-20	DIODE 1SS120	
D303	8-719-912-20	DIODE 1SS120	
D304	8-719-912-20	DIODE 1SS120	

D305	8-719-912-20	DIODE 1SS120	
D351	8-719-912-20	DIODE 1SS120	
D352	8-719-912-20	DIODE 1SS120	
D402	8-719-000-54	DIODE UZL-6L3	
D501	8-719-001-88	DIODE UZL-15L	

D502	8-719-912-20	DIODE 1SS120	
D503	8-719-912-20	DIODE 1SS120	
D504	8-719-912-20	DIODE 1SS120	
D505	8-719-912-20	DIODE 1SS120	
D506	8-719-912-20	DIODE 1SS120	

D507	8-719-912-20	DIODE 1SS120	
D551	8-719-001-88	DIODE UZL-15L	
D601	8-719-815-85	DIODE 1S1585	
D602	8-719-912-20	DIODE 1SS120	
D604	8-719-815-85	DIODE 1S1585	

D605	8-719-815-85	DIODE 1S1585	
D651	8-719-815-85	DIODE 1S1585	
D801	8-719-912-20	DIODE 1SS120	
D802	8-719-200-77	DIODE 10E2N	
D803	8-719-200-77	DIODE 10E2N	

Ref. No.	Part No.	Description	Remark
D804	8-719-912-20	DIODE 1SS120	
D805	8-719-302-38	DIODE RBV-602-01	
D806	8-719-200-77	DIODE 10E2N	
D807	8-719-200-77	DIODE 10E2N	
D808	8-719-014-90	DIODE UZP-7.5B	
D809	8-719-002-70	DIODE UZL-36L	
D810	8-719-200-77	DIODE 10E2N	
D811	8-719-200-77	DIODE 10E2N	
D812	8-719-912-20	DIODE 1SS120	
D813	8-719-912-20	DIODE 1SS120	

D815	8-719-200-82	DIODE 11ES2	
D818	8-719-200-82	DIODE 11ES2 (UK)	
D819	8-719-000-81	DIODE UZL-7L3	

< IC >

IC121	8-759-000-48	IC MC14052BCP	
IC301	8-759-000-49	IC MC14066BCP	
IC302	8-759-634-50	IC M5218AL	
IC351	8-759-921-22	IC SN74HC164N	

IC401	8-759-822-26	IC LC7522K	
IC402	8-759-633-78	IC M5289P	
IC452	8-759-633-78	IC M5289P	
IC501	8-759-634-50	IC M5218AL	

IC601	8-749-900-78	IC STK4192MK2 (E, EA)	
IC601	8-749-920-09	IC STK4152MK2K (AEP, G, IT, UK)	

IC602	8-759-111-68	IC uPC1237HA	
IC801	8-759-604-86	IC M5F7807L	
IC802	8-759-604-90	IC M5F7907L	

ICP803	1-532-845-21	LINK, IC	
ICP804	1-532-845-21	LINK, IC	

< JACK >

J601	1-565-352-21	JACK, PIN 2P (SURROUND SPEAKER)	
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< COIL >

L601	* 1-420-872-00	COIL, AIR CORE	
L651	* 1-420-872-00	COIL, AIR CORE	

< TRANSISTOR >

Q301	8-729-900-63	TRANSISTOR DTA124ES	
Q303	8-729-900-80	TRANSISTOR DTC114ES	
Q304	8-729-900-63	TRANSISTOR DTA124ES	
Q305	8-729-141-26	TRANSISTOR 2SC3622A-LK	

Q306	8-729-141-26	TRANSISTOR 2SC3622A-LK	
Q307	8-729-141-26	TRANSISTOR 2SC3622A-LK	
Q308	8-729-141-26	TRANSISTOR 2SC3622A-LK	
Q309	8-729-900-63	TRANSISTOR DTA124ES	

MAIN

POWER AMP

VOLTAGE SELECTOR

Ref. No.	Part No.	Description	Remark
Q310	8-729-900-63	TRANSISTOR DTA124ES	
Q502	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q503	8-729-141-26	TRANSISTOR 2SC3622A-LK	
Q505	8-729-900-63	TRANSISTOR DTA124ES	
Q506	8-729-900-63	TRANSISTOR DTA124ES	
Q508	8-729-201-56	TRANSISTOR 2SK246-GR2	
Q509	8-729-201-56	TRANSISTOR 2SK246-GR2	
Q552	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q553	8-729-141-26	TRANSISTOR 2SC3622A-LK	
Q558	8-729-201-56	TRANSISTOR 2SK246-GR2	
Q559	8-729-201-56	TRANSISTOR 2SK246-GR2	
Q601	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q602	8-729-900-63	TRANSISTOR DTA124ES	
Q651	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q704	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q801	8-729-111-67	TRANSISTOR 2SB1094-L	

< RESISTOR >

R117	1-249-405-11	CARBON	100	5%	1/4W
R118	1-249-405-11	CARBON	100	5%	1/4W
R122	1-249-409-11	CARBON	220	5%	1/4W
R123	1-249-405-11	CARBON	100	5%	1/4W
R124	1-249-409-11	CARBON	220	5%	1/4W
R136	1-249-413-11	CARBON	470	5%	1/4W
R137	1-249-405-11	CARBON	100	5%	1/4W
R167	1-249-405-11	CARBON	100	5%	1/4W
R168	1-249-405-11	CARBON	100	5%	1/4W
R172	1-249-409-11	CARBON	220	5%	1/4W
R173	1-249-405-11	CARBON	100	5%	1/4W
R174	1-249-409-11	CARBON	220	5%	1/4W
R186	1-249-413-11	CARBON	470	5%	1/4W
R187	1-249-405-11	CARBON	100	5%	1/4W
R301	1-249-429-11	CARBON	10K	5%	1/4W
R302	1-249-419-11	CARBON	1.5K	5%	1/4W
R303	1-249-417-11	CARBON	1K	5%	1/4W
R304	1-249-412-11	CARBON	390	5%	1/4W
R305	1-249-429-11	CARBON	10K	5%	1/4W
R306	1-249-433-11	CARBON	22K	5%	1/4W
R307	1-249-433-11	CARBON	22K	5%	1/4W
R308	1-249-433-11	CARBON	22K	5%	1/4W
R309	1-249-421-11	CARBON	2.2K	5%	1/4W
R310	1-249-421-11	CARBON	2.2K	5%	1/4W
R311	1-249-430-11	CARBON	12K	5%	1/4W
R312	1-249-430-11	CARBON	12K	5%	1/4W
R313	1-249-421-11	CARBON	2.2K	5%	1/4W
R314	1-249-421-11	CARBON	2.2K	5%	1/4W
R315	1-249-435-11	CARBON	33K	5%	1/4W
R316	1-249-421-11	CARBON	2.2K	5%	1/4W

Ref. No.	Part No.	Description	Remark
R318	1-249-433-11	CARBON	22K 5% 1/4W
R319	1-249-429-11	CARBON	10K 5% 1/4W
R320	1-249-419-11	CARBON	1.5K 5% 1/4W
R321	1-249-417-11	CARBON	1K 5% 1/4W
R322	1-249-412-11	CARBON	390 5% 1/4W
R323	1-249-435-11	CARBON	33K 5% 1/4W
R324	1-249-433-11	CARBON	22K 5% 1/4W
R325	1-249-433-11	CARBON	22K 5% 1/4W
R326	1-249-425-11	CARBON	4.7K 5% 1/4W
R327	1-249-425-11	CARBON	4.7K 5% 1/4W
R351	1-249-417-11	CARBON	1K 5% 1/4W
R352	1-249-405-11	CARBON	100 5% 1/4W
R353	1-249-417-11	CARBON	1K 5% 1/4W
R354	1-249-417-11	CARBON	1K 5% 1/4W
R401	1-247-887-00	CARBON	220K 5% 1/4W
R402	1-249-427-11	CARBON	6.8K 5% 1/4W
R404	1-249-408-11	CARBON	180 5% 1/4W
R407	1-249-427-11	CARBON	6.8K 5% 1/4W
R413	1-247-903-00	CARBON	1M 5% 1/4W
R414	1-247-903-00	CARBON	1M 5% 1/4W
R415	1-247-903-00	CARBON	1M 5% 1/4W
R416	1-247-903-00	CARBON	1M 5% 1/4W
R417	1-247-903-00	CARBON	1M 5% 1/4W
R418	1-247-903-00	CARBON	1M 5% 1/4W
R419	1-247-903-00	CARBON	1M 5% 1/4W
R420	1-249-417-11	CARBON	1K 5% 1/4W
R421	1-249-417-11	CARBON	1K 5% 1/4W
R423	1-249-435-11	CARBON	33K 5% 1/4W
R424	1-249-426-11	CARBON	5.6K 5% 1/4W
R451	1-247-887-00	CARBON	220K 5% 1/4W
R452	1-249-427-11	CARBON	6.8K 5% 1/4W
R457	1-249-427-11	CARBON	6.8K 5% 1/4W
R463	1-247-903-00	CARBON	1M 5% 1/4W
R464	1-247-903-00	CARBON	1M 5% 1/4W
R465	1-247-903-00	CARBON	1M 5% 1/4W
R466	1-247-903-00	CARBON	1M 5% 1/4W
R467	1-247-903-00	CARBON	1M 5% 1/4W
R468	1-247-903-00	CARBON	1M 5% 1/4W
R469	1-247-903-00	CARBON	1M 5% 1/4W
R473	1-249-435-11	CARBON	33K 5% 1/4W
R474	1-249-426-11	CARBON	5.6K 5% 1/4W
R501	1-249-421-11	CARBON	2.2K 5% 1/4W
R502	1-249-429-11	CARBON	10K 5% 1/4W
R503	1-249-431-11	CARBON	15K 5% 1/4W
R505	1-249-417-11	CARBON	1K 5% 1/4W
R506	1-247-891-00	CARBON	330K 5% 1/4W
R507	1-249-427-11	CARBON	6.8K 5% 1/4W
R508	1-249-412-11	CARBON	390 5% 1/4W
R509	1-249-429-11	CARBON	10K 5% 1/4W

MAIN

POWER AMP

VOLTAGE SELECTOR

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark
R510	1-249-425-11	CARBON 4.7K	5% 1/4W
R511	1-249-421-11	CARBON 2.2K	5% 1/4W
R512	1-249-420-11	CARBON 1.8K	5% 1/4W
R515	1-249-409-11	CARBON 220	5% 1/4W
R516	1-249-433-11	CARBON 22K	5% 1/4W
R517	1-249-433-11	CARBON 22K	5% 1/4W
R518	1-249-441-11	CARBON 100K	5% 1/4W
R519	Δ 1-215-917-11	METAL OXIDE 1K	5% 3W F
R521	1-247-895-00	CARBON 470K	5% 1/4W
R522	1-247-895-00	CARBON 470K	5% 1/4W
R527	1-249-429-11	CARBON 10K	5% 1/4W
R531	1-249-425-11	CARBON 4.7K	5% 1/4W
R532	1-249-441-11	CARBON 100K	5% 1/4W
R533	1-249-441-11	CARBON 100K	5% 1/4W
R535	1-249-409-11	CARBON 220	5% 1/4W
R551	1-249-421-11	CARBON 2.2K	5% 1/4W
R552	1-249-429-11	CARBON 10K	5% 1/4W
R553	1-249-431-11	CARBON 15K	5% 1/4W
R555	1-249-417-11	CARBON 1K	5% 1/4W
R556	1-247-891-00	CARBON 330K	5% 1/4W
R557	1-249-427-11	CARBON 6.8K	5% 1/4W
R558	1-249-412-11	CARBON 390	5% 1/4W
R559	1-249-429-11	CARBON 10K	5% 1/4W
R560	1-249-425-11	CARBON 4.7K	5% 1/4W
R561	1-249-421-11	CARBON 2.2K	5% 1/4W
R562	1-249-441-11	CARBON 100K	5% 1/4W
R563	1-249-405-11	CARBON 100	5% 1/4W
R568	1-249-441-11	CARBON 100K	5% 1/4W
R569	Δ 1-215-917-11	METAL OXIDE 1K	5% 3W F
R571	1-247-895-00	CARBON 470K	5% 1/4W
R572	1-247-895-00	CARBON 470K	5% 1/4W
R577	1-249-429-11	CARBON 10K	5% 1/4W
R581	1-249-425-11	CARBON 4.7K	5% 1/4W
R601	1-249-417-11	CARBON 1K	5% 1/4W
R602	1-249-438-11	CARBON 56K	5% 1/4W
R603	1-249-414-11	CARBON 560	5% 1/4W
R604	1-249-438-11	CARBON 56K	5% 1/4W
R605	1-249-417-11	CARBON 1K	5% 1/4W (AEP, G, IT, UK)
R605	1-249-419-11	CARBON 1.5K	5% 1/4W (E, EA)
R606	1-249-417-11	CARBON 1K	5% 1/4W (AEP, G, IT, UK)
R606	1-249-419-11	CARBON 1.5K	5% 1/4W (E, EA)
R607	Δ 1-212-881-11	FUSIBLE 100	5% 1/4W F
R608	Δ 1-212-881-11	FUSIBLE 100	5% 1/4W F
R609	Δ 1-217-156-00	RES. METAL PLATE 0.22	
R610	1-249-413-11	CARBON 470	5% 1/4W
R611	1-249-413-11	CARBON 470	5% 1/4W

Ref. No.	Part No.	Description	Remark
R612	1-249-389-11	CARBON 4.7	5% 1/4W
R613	1-249-417-11	CARBON 1K	5% 1/4W
R614	1-249-431-11	CARBON 15K	5% 1/4W
R615	1-249-441-11	CARBON 100K	5% 1/4W
R616	1-249-438-11	CARBON 56K	5% 1/4W
R617	Δ 1-215-891-11	METAL OXIDE 680	5% 2W F (AEP, G, IT, UK)
R617	Δ 1-215-892-11	METAL OXIDE 1K	5% 2W F (E, EA)
R619	1-249-437-11	CARBON 47K	5% 1/4W
R620	1-249-441-11	CARBON 100K	5% 1/4W
R621	1-249-429-11	CARBON 10K	5% 1/4W
R622	1-249-396-11	CARBON 18	5% 1/6W
R623	1-249-396-11	CARBON 18	5% 1/6W
R625	1-247-727-11	CARBON 10	5% 1/2W (G, IT)
R632	1-249-389-11	CARBON 4.7	5% 1/4W
R636	1-249-427-11	CARBON 6.8K	5% 1/4W
R637	1-249-427-11	CARBON 6.8K	5% 1/4W
R645	1-249-417-11	CARBON 1K	5% 1/4W (AEP, G, IT, UK)
R645	1-249-419-11	CARBON 1.5K	5% 1/4W (E, EA)
R646	1-249-417-11	CARBON 1K	5% 1/4W (AEP, G, IT, UK)
R646	1-249-419-11	CARBON 1.5K	5% 1/4W (E, EA)
R651	1-249-417-11	CARBON 1K	5% 1/4W
R652	1-249-438-11	CARBON 56K	5% 1/4W
R653	1-249-414-11	CARBON 560	5% 1/4W
R654	1-249-438-11	CARBON 56K	5% 1/4W
R655	1-249-417-11	CARBON 1K	5% 1/4W (AEP, G, IT, UK)
R655	1-249-419-11	CARBON 1.5K	5% 1/4W (E, EA)
R656	1-249-417-11	CARBON 1K	5% 1/4W (AEP, G, IT, UK)
R656	1-249-419-11	CARBON 1.5K	5% 1/4W (E, EA)
R659	Δ 1-217-156-00	RES. METAL PLATE 0.22	
R660	1-249-413-11	CARBON 470	5% 1/4W
R661	1-249-413-11	CARBON 470	5% 1/4W
R662	1-249-389-11	CARBON 4.7	5% 1/4W
R663	1-249-417-11	CARBON 1K	5% 1/4W
R664	1-249-431-11	CARBON 15K	5% 1/4W
R665	1-249-441-11	CARBON 100K	5% 1/4W
R666	1-249-437-11	CARBON 47K	5% 1/4W
R672	1-249-396-11	CARBON 18	5% 1/6W
R673	1-249-396-11	CARBON 18	5% 1/6W
R675	1-247-727-11	CARBON 10	5% 1/2W (G, IT)
R682	1-249-389-11	CARBON 4.7	5% 1/4W
R695	1-249-417-11	CARBON 1K	5% 1/4W (AEP, G, IT, UK)
R695	1-249-419-11	CARBON 1.5K	5% 1/4W (E, EA)
R696	1-249-417-11	CARBON 1K	5% 1/4W (AEP, G, IT, UK)
R696	1-249-419-11	CARBON 1.5K	5% 1/4W (E, EA)

MAIN POWER AMP VOLTAGE SELECTOR

PANEL (DISPLAY/CONTROL) PIN JACK VOL

MIC HP PGM. F

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Ref.No.	Part No.	Description	Remark
R801	1-247-761-11	CARBON 5.6K 5% 1/2W	
R802	1-249-428-11	CARBON 8.2K 5% 1/4W	
R803	1-249-428-11	CARBON 8.2K 5% 1/4W	
R804	1-249-421-11	CARBON 2.2K 5% 1/4W	
R881	Δ 1-217-156-00	RES, METAL PLATE 0.22 10% 5W (E, EA)	

R882	Δ 1-217-156-00	RES, METAL PLATE 0.22 10% 5W (E, EA)	
R883	Δ 1-217-156-00	RES, METAL PLATE 0.22 10% 5W (E, EA)	
R884	Δ 1-217-156-00	RES, METAL PLATE 0.22 10% 5W (E, EA)	

< RELAY >

RY601	1-515-765-11	RELAY	
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< SWITCH >

S1	Δ 1-554-920-51	SWITCH, PUSH (AC POWER) (1 KEY)	
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< TERMINAL BOARD >

TB601	1-537-240-11	TERMINAL BOARD (CHECKER PIN) (SPEAKER)	
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* A-4341-692-A PANEL BOARD, COMPLETE
(DISPLAY/CONTROL BOARD)

* A-4341-693-A PIN JACK BOARD, COMPLETE (AEP, UK, E, EA)

* A-4341-700-A PIN JACK BOARD, COMPLETE (G, IT)

* 1-638-648-11 VOL BOARD

* 1-638-649-11 MIC BAL BOARD

* 1-638-650-11 HP BOARD

* 1-638-651-11 PGM. F BOARD

* 3-362-478-01 HOLDER (T), LED

* 4-921-941-31 CUSHION (FL)

* 4-921-941-61 CUSHION (FL)

* 4-942-065-01 HOLDER (EQ), LED

* 4-942-065-11 HOLDER (EQ), LED

* 4-942-066-01 HOLDER (EQ), FL

< CAPACITOR >

C101	1-126-161-11	ELECT 2.2uF 20% 50V	
C102	1-164-070-11	CERAMIC 100PF 5% 50V	
C103	1-164-066-11	CERAMIC 68PF 5% 50V	
C104	1-126-163-11	ELECT 0.68uF 20% 50V	

C105	1-106-347-00	MYLAR 1500PF 5% 200V	
C106	1-130-480-00	MYLAR 0.0056uF 5% 50V	
C107	1-136-175-00	FILM 0.68uF 5% 50V	
C108	1-124-994-11	ELECT 100uF 20% 10V	

C111	1-126-163-11	ELECT 0.68uF 20% 50V	
C112	1-126-163-11	ELECT 0.68uF 20% 50V	
C113	1-126-163-11	ELECT 0.68uF 20% 50V	
C141	1-162-286-31	CERAMIC 220PF 10% 50V (G, IT)	
C142	1-162-286-31	CERAMIC 220PF 10% 50V (G, IT)	
C143	1-162-286-31	CERAMIC 220PF 10% 50V (G, IT)	
C144	1-162-286-31	CERAMIC 220PF 10% 50V (G, IT)	
C145	1-162-286-31	CERAMIC 220PF 10% 50V (G, IT)	
C151	1-126-161-11	ELECT 2.2uF 20% 50V	
C152	1-164-070-11	CERAMIC 100PF 5% 50V	

C153	1-164-066-11	CERAMIC 68PF 5% 50V	
C154	1-126-163-11	ELECT 0.68uF 20% 50V	
C155	1-106-347-00	MYLAR 1500PF 5% 200V	
C156	1-130-480-00	MYLAR 0.0056uF 5% 50V	
C157	1-136-175-00	FILM 0.68uF 5% 50V	

C158	1-124-994-11	ELECT 100uF 20% 10V	
C161	1-126-163-11	ELECT 0.68uF 20% 50V	
C162	1-126-163-11	ELECT 0.68uF 20% 50V	
C163	1-126-163-11	ELECT 0.68uF 20% 50V	
C191	1-162-286-31	CERAMIC 220PF 10% 50V (G, IT)	

C192	1-162-286-31	CERAMIC 220PF 10% 50V (G, IT)	
C193	1-162-286-31	CERAMIC 220PF 10% 50V (G, IT)	
C194	1-162-286-31	CERAMIC 220PF 10% 50V (G, IT)	
C195	1-162-286-31	CERAMIC 220PF 10% 50V (G, IT)	
C201	1-126-059-11	ELECT 10uF 20% 50V	

C202	1-126-059-11	ELECT 10uF 20% 50V	
C203	1-124-471-00	ELECT 1000uF 20% 6.3V	
C205	1-124-471-00	ELECT 1000uF 20% 6.3V	
C206	1-124-994-11	ELECT 100uF 20% 10V	
C207	1-161-379-00	CERAMIC 0.01uF 20% 25V	

C208	1-126-161-11	ELECT 2.2uF 20% 50V	
C251	1-136-167-00	FILM 0.15uF 5% 50V	
C252	1-164-073-11	CERAMIC 100PF 10% 50V	
C253	1-164-054-11	CERAMIC 22PF 5% 50V	
C254	1-126-163-11	ELECT 0.68uF 20% 50V	

C255	1-126-163-11	ELECT 0.68uF 20% 50V	
C256	1-164-054-11	CERAMIC 22PF 5% 50V	
C257	1-124-589-11	ELECT 47uF 20% 16V	
C258	1-126-163-11	ELECT 0.68uF 20% 50V	
C259	1-124-589-11	ELECT 47uF 20% 16V	

C701	1-124-994-11	ELECT 100uF 20% 10V	
C702	1-124-473-11	ELECT 1000uF 20% 10V	
C703	1-161-379-00	CERAMIC 0.01uF 20% 25V	
C705	1-164-159-11	CERAMIC 0.1uF 50V	
C706	1-162-294-31	CERAMIC 0.001uF 10% 50V	

C707	1-124-994-11	ELECT 100uF 20% 10V	
C708	1-164-159-11	CERAMIC 0.1uF 50V	
C709	1-161-374-11	CERAMIC 0.0015uF 20% 50V	
C711	1-126-059-11	ELECT 10uF 20% 50V	

PANEL (DISPLAY/CONTROL)

PIN JACK

VOL

MIC

HP

PGM. F

Ref. No.	Part No.	Description	Remark
C712	1-125-486-11	DUBLE LAYERS 0.22F	5. 5V
C713	1-124-994-11	ELECT 100uF	20% 10V
C714	1-161-379-00	CERAMIC 0.01uF	20% 25V
C715	1-126-059-11	ELECT 10uF	20% 50V
C717	1-136-165-00	FILM 0.1uF	5% 50V

C718	1-136-159-00	FILM 0.033uF	5% 50V
C719	1-136-165-00	FILM 0.1uF	5% 50V
C721	1-136-165-00	FILM 0.1uF	5% 50V
C726	1-162-282-31	CERAMIC 100PF	10% 50V
C727	1-161-379-00	CERAMIC 0.01uF	20% 25V

C728	1-161-379-00	CERAMIC 0.01uF	20% 25V
C729	1-164-159-11	CERAMIC 0.1uF	50V
C730	1-161-379-00	CERAMIC 0.01uF	20% 25V
C731	1-161-379-00	CERAMIC 0.01uF	20% 25V
C732	1-162-290-31	CERAMIC 470PF	10% 50V

C733	1-162-290-31	CERAMIC 470PF	10% 50V
C734	1-162-290-31	CERAMIC 470PF	10% 50V
C735	1-162-290-31	CERAMIC 470PF	10% 50V
C736	1-162-290-31	CERAMIC 470PF	10% 50V
C737	1-162-290-31	CERAMIC 470PF	10% 50V

C738	1-162-290-31	CERAMIC 470PF	10% 50V
C739	1-162-290-31	CERAMIC 470PF	10% 50V
C740	1-136-165-00	FILM 0.1uF	5% 50V
C741	1-124-997-11	ELECT 470uF	20% 10V
C742	1-124-997-11	ELECT 470uF	20% 10V

C743	1-124-994-11	ELECT 100uF	20% 10V
C744	1-161-494-00	CERAMIC 0.022uF	25V

< CONNECTOR >

CN103	* 1-568-322-21	PLUG, CONNECTOR 10P	
CN104	* 1-568-322-21	PLUG, CONNECTOR 10P	
CN201	* 1-565-347-11	SOCKET, CONNECTOR (PC BOARD) 8P	
CN602	* 1-564-508-11	PLUG, CONNECTOR 5P	
CN701	1-568-838-11	SOCKET, CONNECTOR 21P	

CN705	* 1-564-338-00	PIN, CONNECTOR 4P	
CN706	* 1-564-506-11	PLUG, CONNECTOR 3P	

< COMPOSITION CIRCUIT BLOCK >

CP701	1-232-882-11	COMPOSITION CIRCUIT BLOCK	
CP702	1-232-882-11	COMPOSITION CIRCUIT BLOCK	
CP703	1-232-882-11	COMPOSITION CIRCUIT BLOCK	
CP704	1-232-882-11	COMPOSITION CIRCUIT BLOCK	

< DIODE >

D201	8-719-912-20	DIODE 1SS120	
D202	8-719-912-20	DIODE 1SS120	
D701	8-719-200-82	DIODE 11ES2	
D702	8-719-200-82	DIODE 11ES2	
D703	8-719-000-60	DIODE UZL-6M2	

Ref. No.	Part No.	Description	Remark
D704	8-719-912-20	DIODE 1SS120	
D705	8-719-912-20	DIODE 1SS120	
D706	8-719-912-20	DIODE 1SS120	
D707	8-719-912-20	DIODE 1SS120	
D708	8-719-912-20	DIODE 1SS120	

D709	8-719-301-38	DIODE SEL2210S-C	
D710	8-719-912-20	DIODE 1SS120	
D711	8-719-912-20	DIODE 1SS120	
D713	8-719-301-38	DIODE SEL2210S-C	
D714	8-719-301-38	DIODE SEL2210S-C	

D715	8-719-301-38	DIODE SEL2210S-C	
D716	8-719-010-26	DIODE UZ-3.9BSB	
D717	8-719-301-38	DIODE SEL2210S-C	
D718	8-719-301-38	DIODE SEL2210S-C	
D719	8-719-912-20	DIODE 1SS120	

D720	8-719-912-20	DIODE 1SS120	
D721	8-719-912-20	DIODE 1SS120	
D722	8-719-912-20	DIODE 1SS120	
D723	8-719-912-20	DIODE 1SS120	
D724	8-719-912-20	DIODE 1SS120	

D725	8-719-912-20	DIODE 1SS120	
D726	8-719-912-20	DIODE 1SS120	
D727	8-719-912-20	DIODE 1SS120	
D728	8-719-912-20	DIODE 1SS120	
D729	8-719-912-20	DIODE 1SS120	

D730	8-719-912-20	DIODE 1SS120	
D731	8-719-912-20	DIODE 1SS120	
D732	8-719-912-20	DIODE 1SS120	
D733	8-719-301-38	DIODE SEL2210S-C	
D734	8-719-301-38	DIODE SEL2210S-C	

D735	8-719-301-38	DIODE SEL2210S-C	
D736	8-719-301-38	DIODE SEL2210S-C	
D737	8-719-301-38	DIODE SEL2210S-C	
D738	8-719-301-38	DIODE SEL2210S-C	
D739	8-719-301-38	DIODE SEL2210S-C	

D740	8-719-301-38	DIODE SEL2210S-C	
D741	8-719-301-38	DIODE SEL2210S-C	
D743	8-719-912-20	DIODE 1SS120	
D744	8-719-200-82	DIODE 11ES2	
D745	8-719-200-82	DIODE 11ES2	

D746	8-719-912-20	DIODE 1SS120	
D747	8-719-912-20	DIODE 1SS120	
D748	8-719-912-20	DIODE 1SS120	
D749	8-719-912-20	DIODE 1SS120	

D750	8-719-912-20	DIODE 1SS120	
D751	8-719-912-20	DIODE 1SS120	
D752	8-719-010-32	DIODE UZ-4.7BSA	
D753	8-719-912-20	DIODE 1SS120	

PANEL (DISPLAY/CONTROL)

PIN JACK

VOL

MIC

HP

PGM. F

Ref. No.	Part No.	Description	Remark
D754	8-719-912-20	DIODE 1SS120	
D757	8-719-912-20	DIODE 1SS120	
< FILTER >			
FL701	1-519-666-11	INDICATOR TUBE, FLUORESCENT	
< IC >			
IC101	8-759-634-51	IC M5218AP	
IC122	8-759-000-49	IC MC14066BCP	
IC123	8-759-000-49	IC MC14066BCP	
IC201	8-759-514-76	IC MM1031XS	
IC251	8-759-634-51	IC M5218AP	
IC701	8-759-822-27	IC LC7565K	
IC702	8-759-991-11	IC XR1091DCP	
IC704	8-759-820-62	IC LB1639	
IC706	8-759-987-16	IC LM393P	
IC708	8-759-154-26	IC uPD75212ACW-281	
IC710	8-759-635-63	IC M51943BSL	
< JACK >			
J101	1-565-303-11	JACK, PIN 6P	
J102	1-565-304-11	JACK, PIN 4P	
J201	1-565-934-11	JACK, PIN 2P	
J202	1-565-934-11	JACK, PIN 2P	
J251	1-507-854-00	JACK, PHONE (MIC)	
J701	1-507-854-00	JACK, PHONE (HEADPHONES)	
< COIL >			
L201	1-408-080-00	INDUCTOR 100uH	
L701	1-408-121-00	INDUCTOR 22uH	
L702	1-408-121-00	INDUCTOR 22uH	
< TRANSISTOR >			
Q121	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q123	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q124	8-729-900-80	TRANSISTOR DTC114ES	
Q201	8-729-119-77	TRANSISTOR 2SA1175-FEK	
Q202	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q203	8-729-119-77	TRANSISTOR 2SA1175-FEK	
Q204	8-729-900-63	TRANSISTOR DTA124ES	
Q205	8-729-900-80	TRANSISTOR DTC114ES	
Q206	8-729-900-80	TRANSISTOR DTC114ES	
Q207	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q701	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q702	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q703	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q705	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q706	8-729-900-80	TRANSISTOR DTC114ES	

Ref. No.	Part No.	Description	Remark
Q707	8-729-900-80	TRANSISTOR DTC114ES	
Q708	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q709	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q710	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q711	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q712	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q713	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q714	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q715	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q716	8-729-620-05	TRANSISTOR 2SC2603-EF	
< RESISTOR >			
R101	1-249-417-11	CARBON 1K 5% 1/4W	
R102	1-249-437-11	CARBON 47K 5% 1/4W	
R103	1-247-897-11	CARBON 560K 5% 1/4W	
R104	1-249-415-11	CARBON 680 5% 1/4W	
R105	1-249-437-11	CARBON 47K 5% 1/4W	
R106	1-247-897-11	CARBON 560K 5% 1/4W	
R107	1-249-429-11	CARBON 10K 5% 1/4W	
R108	1-249-405-11	CARBON 100 5% 1/4W	
R109	1-249-405-11	CARBON 100 5% 1/4W	
R110	1-249-413-11	CARBON 470 5% 1/4W	
R111	1-249-405-11	CARBON 100 5% 1/4W	
R112	1-249-405-11	CARBON 100 5% 1/4W	
R113	1-249-433-11	CARBON 22K 5% 1/4W	
R114	1-249-433-11	CARBON 22K 5% 1/4W	
R115	1-249-433-11	CARBON 22K 5% 1/4W	
R116	1-249-433-11	CARBON 22K 5% 1/4W	
R121	1-249-417-11	CARBON 1K 5% 1/4W	
R125	1-247-887-00	CARBON 220K 5% 1/4W	
R126	1-247-887-00	CARBON 220K 5% 1/4W	
R127	1-249-417-11	CARBON 1K 5% 1/4W	
R128	1-249-417-11	CARBON 1K 5% 1/4W	
R129	1-247-887-00	CARBON 220K 5% 1/4W	
R132	1-249-433-11	CARBON 22K 5% 1/4W	
R133	1-249-433-11	CARBON 22K 5% 1/4W	
R140	1-249-413-11	CARBON 470 5% 1/4W	
R142	1-249-417-11	CARBON 1K 5% 1/4W (G. IT)	
R143	1-247-887-00	CARBON 220K 5% 1/4W	
R151	1-249-417-11	CARBON 1K 5% 1/4W	
R152	1-249-437-11	CARBON 47K 5% 1/4W	
R153	1-247-897-11	CARBON 560K 5% 1/4W	
R154	1-249-415-11	CARBON 680 5% 1/4W	
R155	1-249-437-11	CARBON 47K 5% 1/4W	
R156	1-247-897-11	CARBON 560K 5% 1/4W	
R157	1-249-429-11	CARBON 10K 5% 1/4W	
R158	1-249-405-11	CARBON 100 5% 1/4W	

PANEL (DISPLAY/CONTROL)

PIN JACK

VOL

MIC

HP

PGM. F

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R159	1-249-405-11	CARBON 100	5% 1/4W	R704	1-249-433-11	CARBON 22K	5% 1/4W
R160	1-249-413-11	CARBON 470	5% 1/4W	R705	1-249-439-11	CARBON 68K	5% 1/4W
R161	1-249-405-11	CARBON 100	5% 1/4W	R706	1-249-393-11	CARBON 10	5% 1/4W
R162	1-249-405-11	CARBON 100	5% 1/4W	R707	1-249-417-11	CARBON 1K	5% 1/4W
R171	1-249-417-11	CARBON 1K	5% 1/4W	R708	1-249-433-11	CARBON 22K	5% 1/4W
				R709	1-249-427-11	CARBON 6.8K	5% 1/4W
R175	1-247-887-00	CARBON 220K	5% 1/4W				
R176	1-247-887-00	CARBON 220K	5% 1/4W	R710	1-249-419-11	CARBON 1.5K	5% 1/4W
R177	1-249-417-11	CARBON 1K	5% 1/4W	R711	1-249-393-11	CARBON 10	5% 1/4W
R178	1-249-417-11	CARBON 1K	5% 1/4W	R712	1-249-429-11	CARBON 10K	5% 1/4W
R179	1-247-887-00	CARBON 220K	5% 1/4W	R713	1-249-441-11	CARBON 100K	5% 1/4W
				R714	1-247-891-00	CARBON 330K	5% 1/4W
R190	1-249-413-11	CARBON 470	5% 1/4W				
R192	1-249-417-11	CARBON 1K	5% 1/4W (G. IT)	R715	1-247-891-00	CARBON 330K	5% 1/4W
R193	1-247-887-00	CARBON 220K	5% 1/4W	R716	1-249-433-11	CARBON 22K	5% 1/4W
R201	1-247-804-11	CARBON 75	5% 1/4W	R717	1-249-417-11	CARBON 1K	5% 1/4W
R202	1-247-804-11	CARBON 75	5% 1/4W	R718	1-249-411-11	CARBON 330	5% 1/4W
				R719	1-249-441-11	CARBON 100K	5% 1/4W
R203	1-249-408-11	CARBON 180	5% 1/4W				
R204	1-249-433-11	CARBON 22K	5% 1/4W	R720	1-249-409-11	CARBON 220	5% 1/4W
R205	1-249-408-11	CARBON 180	5% 1/4W	R721	1-249-425-11	CARBON 4.7K	5% 1/4W
R206	1-249-408-11	CARBON 180	5% 1/4W	R722	1-249-441-11	CARBON 100K	5% 1/4W
R207	1-249-417-11	CARBON 1K	5% 1/4W	R723	1-249-425-11	CARBON 4.7K	5% 1/4W
				R725	1-249-425-11	CARBON 4.7K	5% 1/4W
R208	1-249-408-11	CARBON 180	5% 1/4W				
R209	1-249-429-11	CARBON 10K	5% 1/4W	R726	1-249-432-11	CARBON 18K	5% 1/4W
R210	1-249-433-11	CARBON 22K	5% 1/4W	R729	1-249-417-11	CARBON 1K	5% 1/4W
R211	1-249-429-11	CARBON 10K	5% 1/4W	R730	1-249-428-11	CARBON 8.2K	5% 1/4W
R212	1-249-403-11	CARBON 68	5% 1/4W	R731	1-249-428-11	CARBON 8.2K	5% 1/4W
				R732	1-249-417-11	CARBON 1K	5% 1/4W
R213	1-249-433-11	CARBON 22K	5% 1/4W				
R214	1-249-403-11	CARBON 68	5% 1/4W	R733	1-249-417-11	CARBON 1K	5% 1/4W
R215	1-249-426-11	CARBON 5.6K	5% 1/4W	R734	1-249-417-11	CARBON 1K	5% 1/4W
R216	1-249-433-11	CARBON 22K	5% 1/4W	R735	1-249-417-11	CARBON 1K	5% 1/4W
R217	1-249-433-11	CARBON 22K	5% 1/4W	R736	1-249-411-11	CARBON 330	5% 1/4W
				R737	1-249-429-11	CARBON 10K	5% 1/4W
R251	1-249-441-11	CARBON 100K	5% 1/4W				
R252	1-249-429-11	CARBON 10K	5% 1/4W	R738	1-249-417-11	CARBON 1K	5% 1/4W
R253	1-249-429-11	CARBON 10K	5% 1/4W	R739	1-249-405-11	CARBON 100	5% 1/4W
R254	1-247-901-11	CARBON 820K	5% 1/4W	R740	1-249-417-11	CARBON 1K	5% 1/4W
R255	1-249-441-11	CARBON 100K	5% 1/4W	R741	1-249-417-11	CARBON 1K	5% 1/4W
				R742	1-249-417-11	CARBON 1K	5% 1/4W
R256	1-249-441-11	CARBON 100K	5% 1/4W				
R257	1-247-901-11	CARBON 820K	5% 1/4W	R743	1-249-433-11	CARBON 22K	5% 1/4W
R258	1-249-405-11	CARBON 100	5% 1/4W	R744	1-249-417-11	CARBON 1K	5% 1/4W
R259	1-249-405-11	CARBON 100	5% 1/4W	R745	1-249-417-11	CARBON 1K	5% 1/4W
R260	1-249-429-11	CARBON 10K	5% 1/4W	R748	1-249-441-11	CARBON 100K	5% 1/4W
				R749	1-249-441-11	CARBON 100K	5% 1/4W
R261	1-249-409-11	CARBON 220	5% 1/4W				
R262	1-249-405-11	CARBON 100	5% 1/4W	R750	1-249-441-11	CARBON 100K	5% 1/4W
R263	1-249-405-11	CARBON 100	5% 1/4W	R751	1-249-441-11	CARBON 100K	5% 1/4W
R264	1-249-417-11	CARBON 1K	5% 1/4W	R752	1-249-433-11	CARBON 22K	5% 1/4W
R624	1-247-749-11	CARBON 560	5% 1/2W	R753	1-249-411-11	CARBON 330	5% 1/4W
R674	1-247-749-11	CARBON 560	5% 1/2W	R754	1-249-411-11	CARBON 330	5% 1/4W
R701	1-249-441-11	CARBON 100K	5% 1/4W	R755	1-249-433-11	CARBON 22K	5% 1/4W
R702	1-249-433-11	CARBON 22K	5% 1/4W	R756	1-249-396-11	CARBON 18	5% 1/6W
R703	1-249-409-11	CARBON 220	5% 1/4W	R757	1-249-396-11	CARBON 18	5% 1/6W

PANEL (DISPLAY/CONTROL)**PIN JACK****VOL****MIC****HP****PGM. F**

Ref. No.	Part No.	Description	Remark
R758	1-249-396-11	CARBON 18 5% 1/6W	
R759	1-249-396-11	CARBON 18 5% 1/6W	
R760	1-249-396-11	CARBON 18 5% 1/6W	
R761	1-249-396-11	CARBON 18 5% 1/6W	
R762	1-249-396-11	CARBON 18 5% 1/6W	
R763	1-249-441-11	CARBON 100K 5% 1/4W	
R764	1-249-441-11	CARBON 100K 5% 1/4W	
R765	1-249-441-11	CARBON 100K 5% 1/4W	
R766	1-249-441-11	CARBON 100K 5% 1/4W	
R767	1-249-441-11	CARBON 100K 5% 1/4W	
R768	1-249-441-11	CARBON 100K 5% 1/4W	
R769	1-249-433-11	CARBON 22K 5% 1/4W	
R770	1-249-429-11	CARBON 10K 5% 1/4W	
R771	1-249-429-11	CARBON 10K 5% 1/4W	
R772	1-249-433-11	CARBON 22K 5% 1/4W	
R773	1-249-405-11	CARBON 100 5% 1/4W	
R775	1-249-429-11	CARBON 10K 5% 1/4W	
R776	1-249-405-11	CARBON 100 5% 1/4W	
R779	1-249-429-11	CARBON 10K 5% 1/4W	
R781	1-249-441-11	CARBON 100K 5% 1/4W	
R782	1-249-441-11	CARBON 100K 5% 1/4W	
R783	1-249-441-11	CARBON 100K 5% 1/4W	
R784	1-249-409-11	CARBON 220 5% 1/4W	
< VARIABLE RESISTOR >			
RV251	1-241-317-11	RES. VAR. CARBON 50K (MIC LEVEL)	
RV601	1-241-318-11	RES. VAR. CARBON 100K (BALANCE)	
RV702	1-238-708-11	RES. VAR. CARBON 10K/100K/100K (VOLUME)	
< SWITCH >			
S702	1-554-303-21	SWITCH, TACTILE (PHONO)	
S703	1-554-303-21	SWITCH, TACTILE (TUNER)	
S704	1-554-303-21	SWITCH, TACTILE (CD)	
S705	1-554-303-21	SWITCH, TACTILE (TAPE)	
S706	1-554-303-21	SWITCH, TACTILE (VIDEO 1)	
S707	1-554-303-21	SWITCH, TACTILE (VIDEO 2)	
S708	1-554-303-21	SWITCH, TACTILE (EFFECT)	
S709	1-554-303-21	SWITCH, TACTILE (SURROUND MODE)	
S711	1-554-303-21	SWITCH, TACTILE (PROGRAM FUNCTION)	
S712	1-554-303-21	SWITCH, TACTILE (DBFB)	
S713	1-554-303-21	SWITCH, TACTILE (FLAT)	
S714	1-554-303-21	SWITCH, TACTILE (REVERSE)	
S715	1-554-303-21	SWITCH, TACTILE (DISPLAY)	
S716	1-554-303-21	SWITCH, TACTILE (SURROUND LEVEL)	
S718	1-554-303-21	SWITCH, TACTILE (JAZZ CLUB/1)	
S719	1-554-303-21	SWITCH, TACTILE (STUDIU/2)	
S720	1-554-303-21	SWITCH, TACTILE (DISCO/3)	
S721	1-554-303-21	SWITCH, TACTILE (SYMPHONY/4)	
S722	1-554-303-21	SWITCH, TACTILE (MOVIE/5)	

Ref. No.	Part No.	Description	Remark
S723	1-554-303-21	SWITCH, TACTILE (POPS)	
S724	1-554-303-21	SWITCH, TACTILE (BGM)	
S725	1-554-303-21	SWITCH, TACTILE (TV-NEWS)	
S726	1-554-303-21	SWITCH, TACTILE (WM)	
S727	1-554-303-21	SWITCH, TACTILE (CAR)	
S728	1-554-303-21	SWITCH, TACTILE (PERSONAL FILE 1-5)	
S729	1-554-303-21	SWITCH, TACTILE (Δ)	
S730	1-554-303-21	SWITCH, TACTILE (▽)	
S731	1-554-303-21	SWITCH, TACTILE (▷)	
S732	1-554-303-21	SWITCH, TACTILE (◁)	
S733	1-554-303-21	SWITCH, TACTILE (MEMORY)	

< VIBRATOR >

X701 1-577-101-11 VIBRATOR, CERAMIC (4.19MHz)

MISCELLANEOUS

12	1-590-243-11	WIRE, FLAT TYPE (21 CORE)
59	Δ 1-575-654-11	CORD, POWER (AEP, G. IT, UK)
59	Δ 1-575-656-11	CORD, POWER (UK)
59	Δ 1-575-669-21	CORD, POWER (E, AUS)
68	* 1-639-252-11	VOLTAGE SELECTOR BOARD (E, EA, AUS)
CNJ901	Δ 1-526-751-11	OUTLET, AC (UK)
CNJ901	Δ 1-526-794-11	OUTLET, AC (AEP, G. IT, EA, AUS)
CNJ901	Δ 1-526-882-00	OUTLET, AC (E)
F1	Δ 1-532-259-00	FUSE T1.6A
F2	Δ 1-532-259-00	FUSE T1.6A
F3	Δ 1-532-388-51	FUSE T2A
F4	Δ 1-532-388-51	FUSE T2A
J251	1-507-854-00	JACK, LARGE TYPE (MIC)
J701	1-507-854-00	JACK, LARGE TYPE (HEADPHONES)
RV251	1-241-317-11	RES. VAR. CARBON 50K (MIC LEVEL)
RV601	1-241-318-11	RES. VAR. CARBON 100K (BALANCE)
T901	Δ 1-450-422-11	TRANSFORMER, POWER (E, EA, AUS)
T901	Δ 1-450-423-11	TRANSFORMER, POWER (AEP, G. IT, UK)

ACCESSORY & PACKING MATERIAL

* 4-934-859-01 CUSHION

HARDWARE LIST

# 1	7-621-773-93	SCREW (PANEL 2.6 TP2)
# 2	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S
# 3	7-682-549-04	SCREW +BVTT 3X10 (S)
# 4	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S
# 5	7-682-560-04	SCREW +BVTT 4X6 (S)
# 6	7-682-548-04	SCREW +BVTT 3X8 (S)
# 7	7-685-534-19	SCREW +PTP 2.6X8 (E, EA, AUS)

The components identified by
mark **Δ** or dotted line with mark
Δ are critical for safety.
Replace only with part number
specified.

Sony Corporation
Audio Group

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